

~~Confidential Draft Brohm Mining Corporation Gilt Edge Mine Document
Inventory (1986-1999)~~

✓ New Box #21

(From Original Box #58)

- Folder – WAD Cyanide vs. Time graphs from the North Heap 1994, Brohm assay results, 1995 Memo – Anchor Hill Metallurgical Bids from McClelland Labs and Dawson Labs, leach pad accountability report of spent ore to pad, 1995 Dakota Mining agreement with Homestake Mining, bottle roll test, McClelland Labs 1996 report on Heap Leach Cyanidation Test work conducted at Anchor Hill (to Brohm), Brohm Slag Report, pad loading and unloading notes, H. Osborne fax, blasthole, assay, neutralization, calculations, and run of mine information, monthly metallurgical reports by Brohm, internal (Brohm) correspondence.
- Folder – Crusher Size – Remco 1992 report (sample analysis), Crusher monthly average charts, blasthole information, cyanide extraction data
- Folder – Crusher – Anchor Hill met comp bottle rolls, size vs. gold extraction rate, McClelland Lab results, bottle roll test results, internal (Brohm) correspondence regarding the crusher equipment, crusher calculations
- Folder – Precip – Data per precipitation lot. Assay results vs. tonnage. Month and day marked on tables (no year)
- Folders – Perkin Elmer Lab – Invoices from Perkin Elmer to Brohm. 1989 – 1994.
- Information regarding the crusher rehab project
- Envelop – Hazardous Materials Shipping Papers
- Folder – Department of Water and Natural Resources – correspondence b/w the DWR and Brohm in 1988 – 1996. Regarding surge pond, earth pond, leach pad, cyanide tank, leach solution, neutralization, groundwater discharge permit, Ruby Gulch, technical revisions to the Permit #439, repair of cells, GWD 3-88, relining leach pad, replacement of piping at leach pad, Oro Fino, CO2 bubbler system, reverse osmosis, environmental audit, leach pad expansion, wildlife protection, Permit #462. Hazardous materials spill contingency plan prepared for Brohm 1988. Notice of Violation and Order from the State of SD to Brohm re: discharge of process solution to the alluvial aquifer – news releases, building permit for storage building, workers compensation case review – internal Brohm communication. Monthly reports. Brohm Mining Amendment Conditions 1988. Final copy of Brohm's Leakage Response Action Plan. Mid-Continent lab results. US FWS 1990 letters to Brohm re: surge pond, migratory birds and contact with cyanide solution. Brohm 1st Quarterly Anchor Hill Project Update. Brohm BMP 1996. Conditional use permit for Brohm from Lawrence County 1995.
- Folder – Crusher / Sulfides – 1994 Chamberlain and Associates letter regarding present crusher capacity, memo – heap leach gold extraction, Blattner notes, Sulfide Stockpile summary, load information, Dakota Mining Corporation Operating Cost reports for Gilt Edge Heap Leach Project by Roberts and Schaffer 1994, mining equipment flyer, sulfide test heap update 1993, fence work, budget

- list for Brohm, 1992 Remco barmax crushing test letter, estimate from Pioneer Construction for crushing rock 1992, HC Osborne letter, Fisher Industries letter
- Folder – Incident Report – Brohm forms and US Department of Labor Mine Accident, Injury, and Illness Report forms
- Folder – Barge – Information regarding pumps. Grundle Lining Systems Inc. Falcon Pump and Supply
- Folder – Carbon Plant – hand written notes, HC Osborne letter, Brohm Mining Production Cost Budget, Delkor information on Carbon in Pulp, Lease proposal for Brohm Mining Corp by Gull Mining Corp for a carbon system.
- Folder – Anchor Hill – piping and fitting specifications, information from SRK regarding storm water culverts, topo map
- Folder – Processes – Houston International Minerals Corporation Process Plant Operating Procedures, Emergency Generator Start-up Procedures, Neutralization Solution Heating Circuit, Neutralization Solution Carbon Adsorption Circuit, Brohm Capital Cost Control Estimate 1987, Brohm corporate tree, hydrogen peroxide tank data, purchase orders for Bateman Engineers Inc., filter directions, Corrosion Engineering, employees, handwritten notes, DuPont MSDS, Hydrogen peroxide information, T-Thermal Inc. Sequence of Operation for Drawing, medical rider, plate orientation and washing, blank forms.
- Purchase requisitions and purchase orders from Brohm to various companies 1989 to 1998
- Folder – Weekly Reports John – 1995 and 1996
- Folder – Drew – information/invoices from Ashland Chemical/Drew Industrial Division 1996
- Folder – AFE – Authorization for Expenditure forms, and various completed AFE forms 1989 – 1995
- Folder – DENR / GF Parks – correspondence b/w Brohm and the DENR and GF&P. 1997.
- Folder – P.R. – purchase requisitions from Brohm to various other companies. 1988
- Folder – Dept. Game Fish and Parks – Wildlife mortality reports for 1994 – 1998 submitted by Brohm. Internal memos discussing how much time Brohm spent on the Wildlife Control. A guilty plea by Brohm for violating the Migratory Bird Act. Correspondence with the USFWS dated 1996.
- Folder – Reclamation – Chapters on various subjects such as mined lands, reclamation, etc. from the State of South Dakota
- Folder – Lower CN vs. Higher CN – Cyanide use and leakage
- Folder – Hydrogen Peroxide Degussa
- Folder – AMS – Welder certifications from Gerlach & Ebert Plumbing and Heating, Inc. 1991. American Mine Services, Inc. faxes 1991 re: pipe repair.
- Folder – Spent Ore Info – Spent ore composite bottle roll test results 1993. blasthole and assay data 1994. Letter to Brohm from NJS regarding leach pad quantity on cells 5-7, 1994.
- Folder – Borealis Drawings – Plant drawings of the Borealis mine by Bechtel for Houston International Minerals Corp. Echo Bay Minerals Co. and the Borealis Mine 1987.

- Folder – Water Treatment – Nalco and NL Treating Chemicals information
- Folder – Budget – Brohm Mining Corp. Budget vs. Actual 1998, Detailed General Ledger 1998, Operating Statistics,
- Folder – HC Osborne – 7/16/1990 letter to Brohm re: stacking, moving slot, stack height, solution application rates, agglomeration, sampling, precipitates-bullion, MC plant schedule, detoxification, permanent pad, and sulfide ores information and advice. 8/9/1990 letter to Brohm re: chemicals and processes information and advice. 11/1/1991 letter to Brohm re: advice on leaching.

New Box #22

(From Original Box #33)

- Folders – Wildlife Sighting Program (WSP) for 1991, 1993, 1994, 1995 – lists of species and quantities seen
- Folder – S-7-1 – Shot/Bench 5560 maps of shot patterns and oxide and sulfide wastes, blasthole log. 1997.
- Folder – S-7-2 – maps of shot patterns, blasthole log, 1997
- Folder – S-5-1 – maps of shot patterns, sulfide wastes, blasthole log, 1997
- Folder – S-6-1 – Shot/Bench 5580 maps of shot patterns and oxide and sulfide wastes, blasthole log, 1997
- Folder – S-6-2 – Shot/Bench maps for Southeast Langley, blasthole log, oxide wastes map, 1997
- Folder – Basin Characteristics – TR-55-Appendix D-Peak Discharge (rainfall, runoff, slope, etc) 1987, water table map, topo map
- Folders – GF&P Reporting for 1988, 1989, 1990, 1991, 1994, 1995 – Letters from Brohm to Dept. of Game, Fish, and Parks regarding wildlife mortality onsite
- Folder – GF&P – correspondence regarding wildlife monitoring/mortalities dated 1989-1991
- Folders – BES-17 – 1989 sample results from Travis Laboratories; 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998 sample results from Mid-Continent Testing Laboratories
- Folders – BES-20 – 1988-1993 sample results from Travis Laboratories and Mid-Continent Testing Laboratories
- Folders – BES-16 – 1988-1996 sample results from Travis Laboratories and Mid-Continent Testing Laboratories
- Folders – BES-15 – 1988-1998 sample results from Travis Laboratories and Mid-Continent Testing Laboratories

New Box #22

(From Original Box #27)

- Folders:
 - Pad Volumes – EOM July 1996
 - Leach pad- end of June – EOM
 - May 1996 – Leach pad – EOM
 - Run of Mine – April 1996
 - Toe Cell 6 – TRM – March 1996
 - Blattner 1996 dailies